

## More Errata for “Introduction to Elementary Particles, 2nd ed.”

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- Page 39, top of page, second diagram: remove superscripts (0) from  $\omega^0$  and  $\phi^0$ .
- Page 156, line 2 and Eq. 4.77: put hats on all four (capital)  $S$ 's (as in line 1).
- Page 180, footnote: change 5.46 to 5.48 (both columns).
- Page 193, footnote, line 2: change 5.5 to 5.4.
- Page 247, footnote, second column, line 4: change 6.34 to 6.38.
- Page 259, Eq. 7.150: reverse subscripted arrows in second term ( $\mathcal{M}_{\uparrow\downarrow} - \mathcal{M}_{\downarrow\uparrow}$ ).
- Page 267, references 6 (last line) and 7 (penultimate line): change “M.A.” to “MA”.
- Page 288, Eq. 8.39, second line: reverse the direction of the arrow in the figure, so it points to the right.
- Page 295, third diagram at the top: put arrows on the solid lines to the left [(1) and (2)], matching those on the first two diagrams; also change  $\rho$  to  $\sigma$ .
- Page 339, fifth line after Eq. 9.120: close parentheses after “9.116”.
- Page 341, Eqs. 9.125 and 9.129: change superscript on  $j_\mu$  from  $-$  to  $+$ .
- Page 342, equations to the upper left of the two diagrams: reverse the superscripts on  $j_\mu$  (the first should be  $+$ , the second should be  $-$ ); also, remove the words “(negatively charged)”, and change “a positively” to “an oppositely”.
- Page 344, line 5 of first footnote: put overbar on the first  $e_L$ .
- Page 348, Problem 9.1, line 3: change subscripts on the first three  $\epsilon$ 's from  $u$  to  $\mu$ .
- Page 389, line 14: add superscript to  $e$  ( $p + p \rightarrow d + e^+ + \nu_e$ ).
- Page 390, line before Eq. 11.2: change subscript on  $E$  from 1 to  $i$  ( $e^{-iE_it/\hbar}$ ).
- Page 392, first footnote, line 2: change “4.8.1” to “4.4.3.1”.
- Page 420, Problem 12.8(c), line 2: change  $\frac{1}{2}$  to  $\frac{i}{2}$ .
- Page 447: insert “Intrinsic parity 270”.